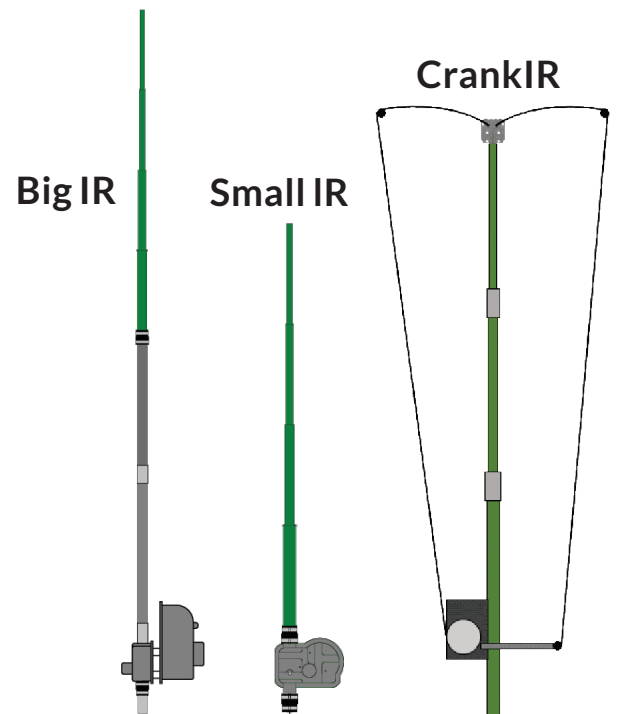


# HIGH PERFORMANCE LOW VISIBILITY

**Live on a small lot? Have HOA blues? Are the neighbors (or wife) not quite appreciating the “beauty” of a resonant, optimized amateur radio antenna as much as you do? :) May we suggest our SteppIR vertical series – the BigIR, Small IR and the ultra-portable CrankIR.**

The BigIR and SmallIR each employ a non-conductive, green colored fiberglass support material that blends in extremely well with just about any backdrop, rendering it nearly invisible. Inside of the fiberglass support tube, resides the actual antenna – an indexed, flat copper strip, which when driven by a stepper motor, adjusts the antenna to the exact length required, on any given frequency within its range. The CrankIR is manually tuned, can be erected in as little as 5 minutes and when not in use, fits inside a 22” duffel bag. Depending on the configuration of the BigIR, SmallIR and CrankIR verticals, frequency range is 3.3 MHz – 54 MHz, continuous coverage. All of our verticals are  $\frac{1}{4}$  wave and require ground-mounted or elevated radials.



## Yagi antennas are an excellent choice due to their gain and directionality

However, when considering the required space, additional equipment and cost, the Yagi may be impractical consideration for some radio amateurs. At SteppIR, we offer small profile Yagis such as the very popular Urban Beam or the DB11, but sometimes having a Yagi is just not an option. The phased, vertical array, offers performance similar to a Yagi – gain, directivity and low angle radiation – all critically important factors for successful long distance (DX) communication. Combining two (or more) identical SteppIR verticals that are properly spaced and phased together, when coupled with the ability to adjust the vertical to optimum length required over an entire frequency range, can be a very effective solution for high quality DX communication.

**steppIR**  
**TECH**



**FOR PRODUCT DETAILS AND ORDERING:**

**[www.steppir.com](http://www.steppir.com)**

**425-453-1910**